

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the above-referenced application.

Listing of Claims:

1. (Currently amended) Electromagnetic valve for a gas cylinder [(1)], ~~in particular a gas cylinder (1) for gas powered motor vehicles, having~~ comprising:

- [(•)] a valve body [(4)];
- [(•)] a threaded portion of the valve body with an external thread [(3)], which is screwable into an internal thread [(2)] on the gas cylinder [(1)];
- [(•)] a portion of the valve body [(4)] projecting into the gas cylinder [(1)];
- [(•)] a shut-off piston [(31)];
- [(•)] electromagnetic control elements [(25, 28, 29),] by which the shut-off piston [(31)] is movable from an open position to a closed position,

wherein the valve body [(4)] for receiving the shut-off piston [(31)] and the electromagnetic control elements [(25, 28, 29)] has a cavity [(15),] which is disposed inside the threaded portion and/or the portion of the valve body [(4)] projecting into the gas cylinder [(1)], ~~characterized in that~~ and wherein a mouth of the cavity [(15)] is disposed on ~~the~~ a head end [(5)] of the valve body [(4)] situated outside of the gas cylinder [(1)], and the shut-off piston [(31)] and the electromagnetic control elements [(25, 28, 29)] can be inserted into the cavity [(15)] through the mouth.

2. (Currently amended) Electromagnetic valve according to claim 1, ~~characterized in that~~
wherein disposed in ~~the~~ a region of the mouth of the cavity ~~[[(15)]]~~ is an external thread
~~[[(3),]]~~ into which a screw cap ~~[[(23)]]~~ is screwable.
3. (Currently amended) Electromagnetic valve according to claim 1 ~~[[or 2]]~~, ~~characterized in~~
~~that~~ wherein the valve body ~~[[(4)]]~~ has at least one further receiving space for a further
element, and wherein the further element can be inserted into the receiving space through
an opening situated outside of the gas cylinder ~~[[(1)]]~~.
4. (Currently amended) Electromagnetic valve according to ~~one of the preceding claims~~ claim
1, ~~characterized in that~~ wherein the at least one further element is one of the following
elements:
- ~~[[•]]~~ a manual shut-off valve (18),
 - ~~[[•]]~~ a connection coupling (8) without a non-return valve,
 - ~~[[•]]~~ a connection coupling (10) with a non-return valve,
 - ~~[[•]]~~ a safety element with rupture diaphragm (20) for protecting against excessively
high pressure,
 - ~~[[•]]~~ a safety element (22) with a fluid-filled glass body (50) for thermal protection,
and any combination thereof.

5. (Currently amended) Electromagnetic valve according to ~~one of the preceding claims~~ claim 1, ~~characterized in that~~ wherein the valve body $[(4)]$ has at least one flow channel $[(12, 13)]$ connecting the cavity $[(15)]$ to at least one coupling piece $[(8, 10)]$ outside of the gas cylinder $[(1)]$.
6. (Currently amended) Electromagnetic valve according to ~~one of the preceding claims~~ claim 1, ~~characterized in that~~ wherein the valve body $[(4)]$ comprises at least one flow channel $[(14, 16)]$ connecting the cavity $[(15)]$ to a mouth into the interior of the gas cylinder $[(1)]$.
7. (Currently amended) Electromagnetic valve according to ~~one of the preceding claims~~ claim 1, ~~characterized in that~~ wherein the valve body $[(4)]$ comprises at least one flow channel $[(16, 19, 21)]$ connecting the at least one receiving space to a mouth into the interior of the gas cylinder $[(1)]$.
8. (Currently amended) Electromagnetic valve according to ~~one of claims 6 or 7~~ claim 6, ~~characterized in that~~ wherein a flow restrictor $[(17)]$ is disposed on the mouth into the interior of the gas cylinder $[(1)]$.
9. (Currently amended) Electromagnetic valve according to ~~one of the preceding claims~~ claim 1, ~~characterized in that~~ wherein a filter $[(54)]$ is disposed on ~~the~~ a mouth into the interior of the gas cylinder $[(1)]$.

10. (Currently amended) Electromagnetic valve according to ~~one of the preceding claims~~ claim 1, ~~characterized in that~~ wherein a protective device against mechanical actions is provided on the head end ~~[(5)]~~ of the valve body ~~[(4)]~~ situated outside of the gas cylinder ~~[(1)]~~.
11. (Currently amended) Electromagnetic valve according to claim 10, ~~characterized in that~~ wherein the protective device is a protective plate ~~[(6)]~~.
12. (Currently amended) Electromagnetic valve according to claim 10 ~~or 11~~, ~~characterized in that~~ wherein the head end ~~[(5)]~~ of the valve body ~~[(4)]~~ has rounded or chamfered edges.
13. (Currently amended) Electromagnetic valve according to ~~one of claims 10 to 12~~ claim 11, ~~characterized in that~~ wherein the protective plate ~~[(6)]~~ has at least one support rib ~~[(57)]~~.
14. (Currently amended) Electromagnetic valve according to ~~one of claims 10 to 12~~ claim 13, ~~characterized in that~~ wherein disposed in the protective plate ~~[(6)]~~ is at least one cutout ~~[(58)]~~, which is ~~preferably~~ situated close to the at least one support rib ~~[(57)]~~.

15. (Currently amended) Electromagnetic valve according to ~~one of claims 10 to 14~~ claim 11, ~~characterized in that~~ wherein an elastic layer $[(7)]$ is disposed between the protective plate $[(6)]$ and the head end $[(5)]$ of the valve body $[(4)]$.
16. (Currently amended) Electromagnetic valve according to claim 15, ~~characterized in that~~ wherein the elastic layer $[(7)]$ is made of a thermoplastic polymer.
17. (Currently amended) Electromagnetic valve according to ~~one of the preceding claims~~ claim 1, ~~characterized in that~~ wherein the head end $[(5)]$ of the valve body $[(4)]$ is designed as a polygon, ~~in particular a quadrilateral or hexagon.~~
18. (Currently amended) Electromagnetic valve according to ~~one of claims 4 to 17~~ claim 4, ~~characterized in that~~ wherein the gas cylinder $[(1)]$ ~~can be~~ is attached to a motor vehicle with a passenger compartment, ~~that~~ wherein the valve comprises a plurality of safety elements $[(18, 20, 22),]$ which have an efflux opening $[(59)]$ situated outside of the gas cylinder $[(1)]$, and wherein all of the efflux openings are disposed on the valve body $[(4)]$ at a side remote from the passenger compartment.

19. (Currently amended) Electromagnetic valve for a gas cylinder (1), ~~in particular a gas cylinder (1) for gas powered motor vehicles, having comprising:~~

[[•]] a valve body [[(4)]] connected in a sealed manner to the gas cylinder [[(1)]];

[[•]] a shut-off piston [[(31)]] disposed in the valve body [[(4)]];

[[•]] an annular space [[(37)]], which is situated in front of the outer annular face of the front of the shut-off piston [[(31)]] and connected to the interior of the gas cylinder [[(1)]];

[[•]] a connection channel [[(38)]], which is situated in front of the central region of the front of the shut-off piston [[(31)]] and leads out of the valve body [[(4)]];

[[•]] a main seal [[(39)]], which is disposed on the front of the shut-off piston [[(31)]] and can be pressed by means of the piston [[(31)]] against a main seal seat [[(40)]] in order to seal off the annular space [[(37)] from the connection channel [[(38)]],

[[•]] electromagnetic control elements, which are disposed in the valve body [[(4)]] and move a pilot seal [[(33)]], which is pressed by a pretension spring [[(35)]] against a pilot opening, away from said pilot opening;

[[•]] a pressure reduction channel [[(32)]] in the shut-off piston [[(31)]], which pressure reduction channel opens out in the pilot opening and connects the rear of the shut-off piston (31) facing the control elements [[(25, 28, 29)]] to the front of the shut-off piston [[(31)]]; ~~characterized in that~~ wherein the shut-off piston [[(31)]] is disposed in a substantially freely displaceable manner in the valve body [[(4)]] and it is exclusively the pretension spring [[(35)]] for the pilot seal [[(33)]] that develops a pretension force that presses the shut-off piston [[(31)]] against the main seal seat [[(40)]]].

20. (Currently amended) Electromagnetic valve according to claim 19, ~~characterized in that~~
wherein the pressure reduction channel $[(32)]$ opens out via flow channels at the front
of the shut-off piston $[(31)]$ close to the main seal seat.
21. (New) Electromagnetic valve according to claim 7, wherein a flow restrictor is disposed on
the mouth into the interior of the gas cylinder.
22. (New) Electromagnetic valve according to claim 21, wherein the polygon is a quadrilateral
or hexagon.
23. (New) Electromagnetic valve, comprising:
- a valve body, wherein said valve body includes an attachment mechanism and a
projection portion;
 - a shut-off piston; and
 - electromagnetic control elements that control movement of the shut-off piston
from an open position to a closed position,
- wherein the valve body includes a cavity disposed in the projection portion, and
wherein a mouth of the cavity is disposed on a head end of the valve body distal from the
projection portion, and wherein the shut-off piston and the electromagnetic control
elements are disposed in the cavity and are externally accessible through said mouth of
the cavity.